2SA1129

Rev.H Oct.-2018

DATA SHEET

/ Descriptions

TO-220 PNP Silicon PNP transistor in a TO-220 Plastic Package.

/ Features

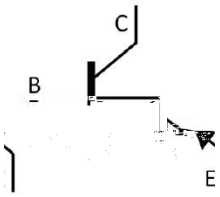
, 2SC2654

Large current capacity with small package, low collector saturation voltage, pair with 2SC2654.

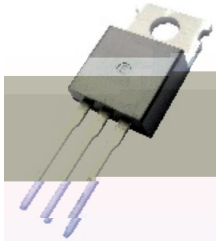
/ Applications

For low-frequency power amplifiers and mid-speed switching.

/ Equivalent Circuit



/ Pinning



PIN1 Base PIN 2 Collector PIN 3 Emitter

/ h_{FE} Classifications & Marking

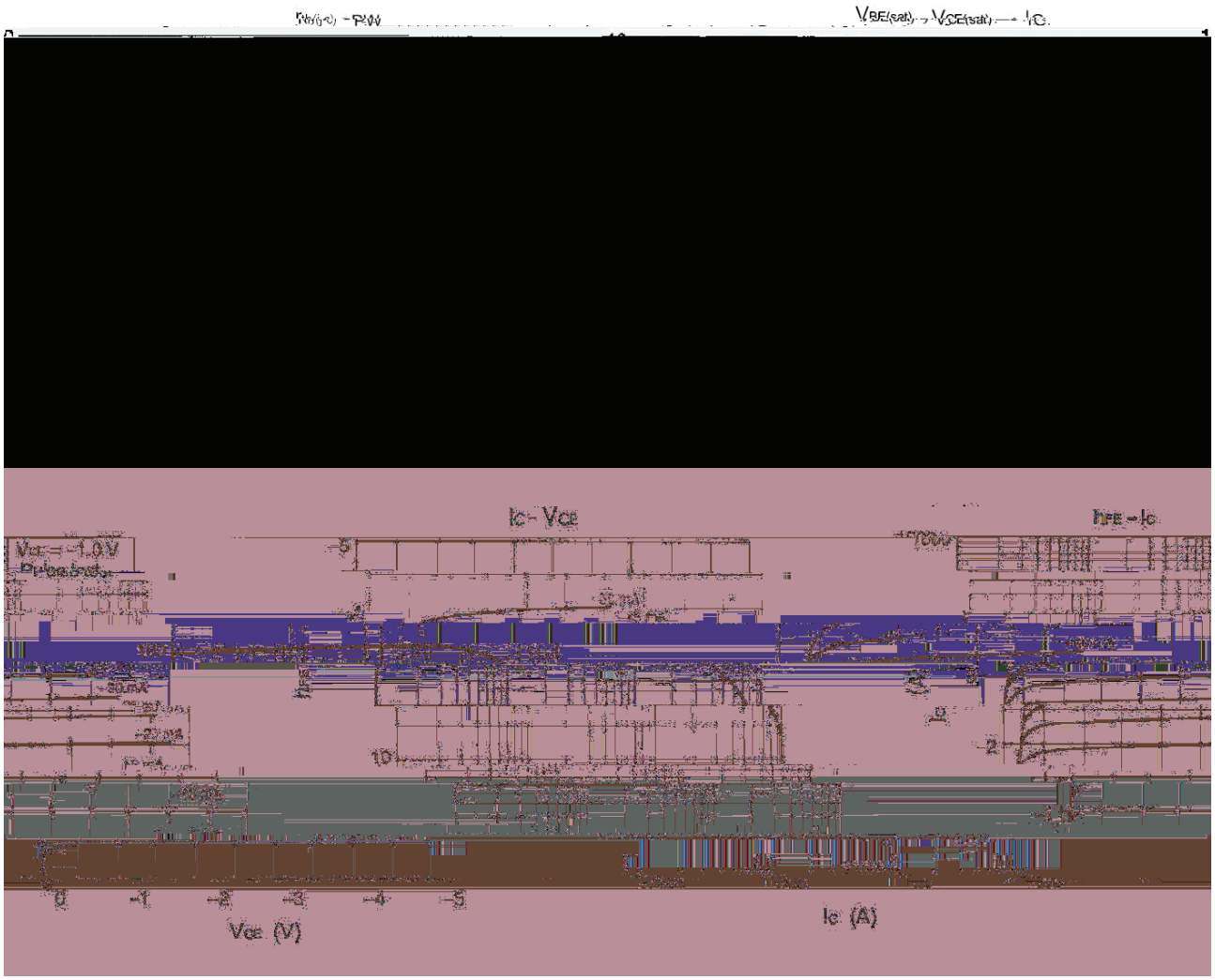
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h_{FE} Classifications
Symbol

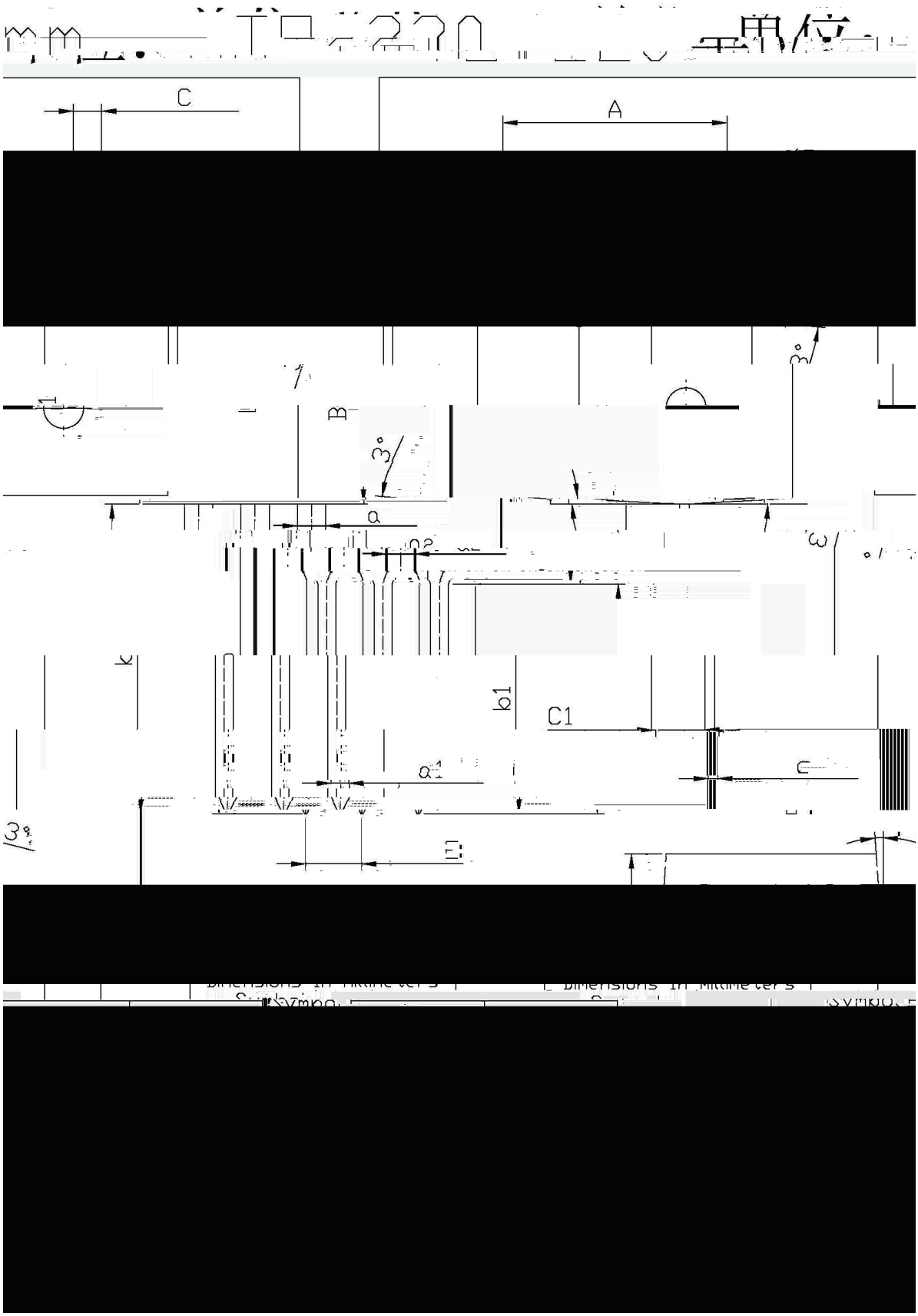
Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	-100	V
Collector to Emitter Voltage	V_{CEO}	-40	V
Emitter to Base Voltage	V_{EBO}	-7.0	V
Collector Current - Continuous	I_C	-7.0	A
Collector Current – Continuous(Pulse)	I_{CP}	-15	A
Base Current - Continuous	I_B	-3.5	A
Collector Power Dissipation	P_C(T_C=25)	40	W
	P_C	1.5	W

/ Electrical Characteristic Curve



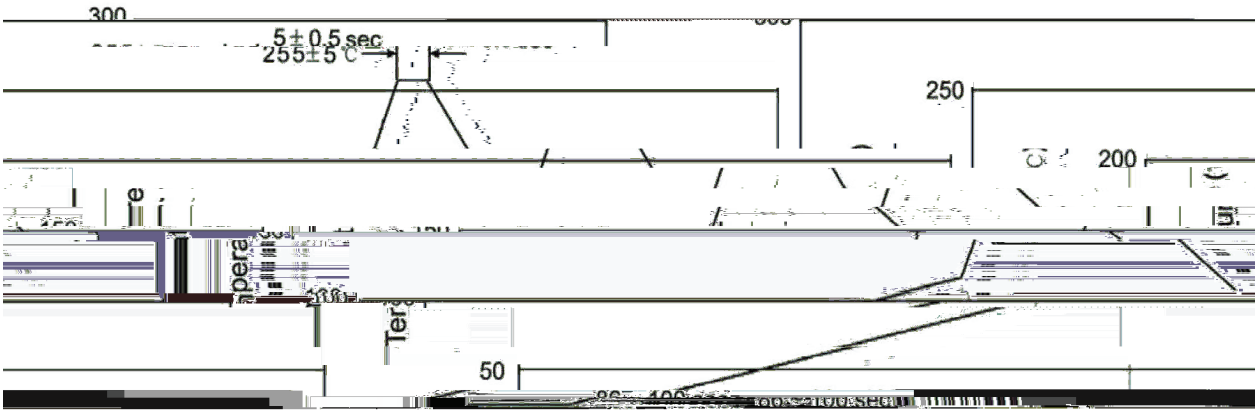


/ Package Dimensions



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( ) / Temperature Profile for Dip Soldering(Pb-Free)



							Note:
1		25	150		60	90sec;	1.Preheating:25~150 , Time:60~90sec.
2		255±5				5±0.5sec;	2.Peak Temp.:255±5 , Duration:5±0.5sec.
3				2	10	/sec.	3. Cooling Speed: 2~10 /sec.

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